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GATGGGTACGTACGCAGCCACTTGTGAGCC...CTGCGCCCTCATCAATTCAACTGAACCTT...CGACGACGACAGTGTGTTGG...TCA  
 |||||  
 GATGGGTACGTACGCAGcCACTTGTGAGCCCTGCGcCTCATCAATTCAACTGAACCTTCGACGACGACGAGCGGTGTTGGTCACCATCA  
 |||||  
 CCATCAGCCCTGCGCTGCGGcCATGGCGACCGCGCTGACGACACCTTTTATTATGTCCA.CCCCCCTGCAGATGTA  
 |||||  
 CCATCAGCCCTGCGCTGCGGcTGCgGC.....AcAGTTTATTATGTCCACCCCCCTGCAGATGTA  
 |||||

FIG. 1

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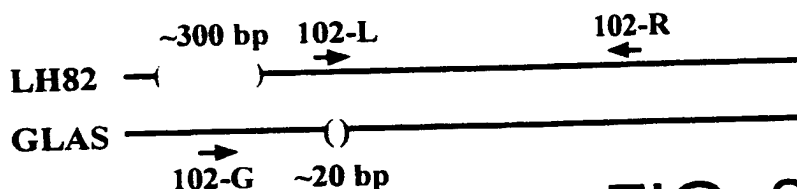


FIG. 2

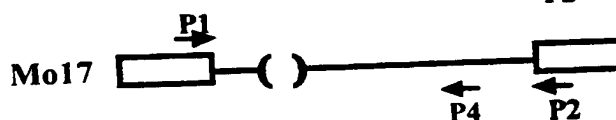
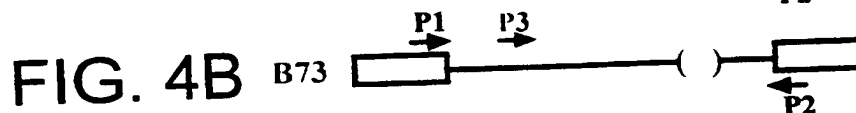
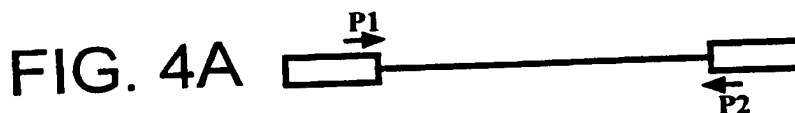


FIG. 4C	Primer Pair Template	<table><tr><td colspan="2">P3 P2</td><td colspan="2">P1 P4</td></tr><tr><td>B73</td><td>Mo17</td><td>B73</td><td>Mo17</td></tr></table>				P3 P2		P1 P4		B73	Mo17	B73	Mo17
	P3 P2		P1 P4										
	B73	Mo17	B73	Mo17									
	Expected PCR Result	<table><tr><td>+</td><td>-</td><td>-</td><td>+</td></tr></table>				+	-	-	+				
+	-	-	+										

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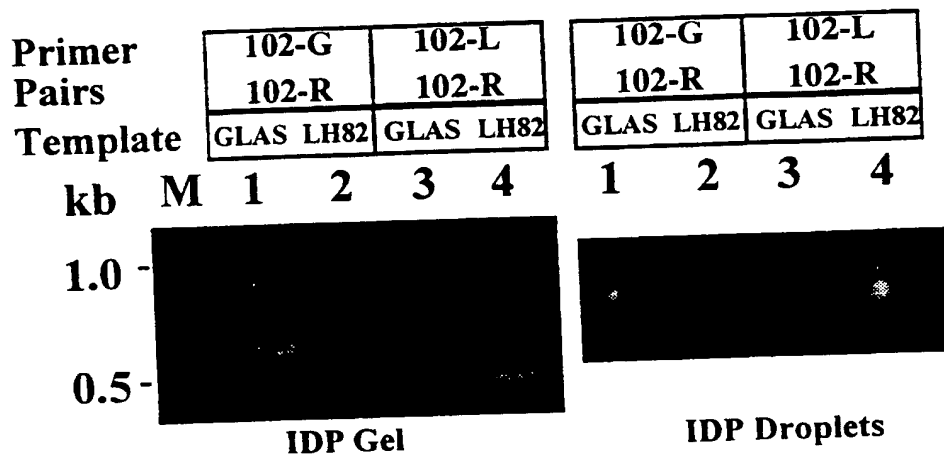


FIG. 3



FIG. 7

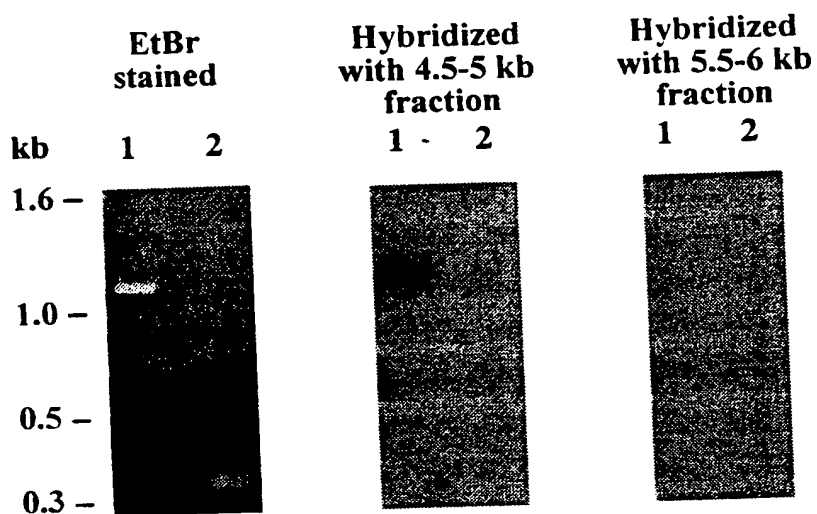


FIG. 8

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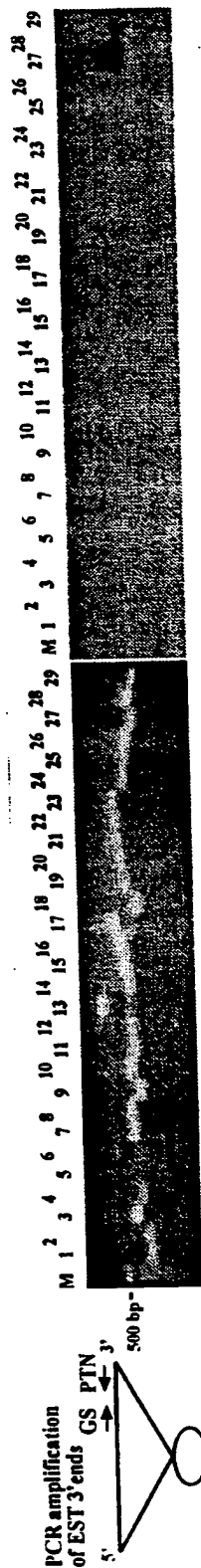
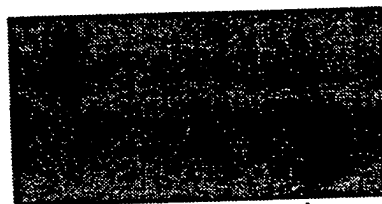


FIG. 5

Co159 Tx303



5 kb

FIG. 6